

JC17 Rec'd PCT/PTO 20 JUN 2005

Approved for use through 07/31/2008. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

3

## Complete if Known

|                        |                             |
|------------------------|-----------------------------|
| Application Number     | 101540209                   |
| Filing Date            | 06/20/2005                  |
| First Named Inventor   | Burkard Otto HERBERT et al. |
| Art Unit               |                             |
| Examiner Name          |                             |
| Attorney Docket Number | W1.2098PCT-US               |

## U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                    |                       | US- 2,871,011                            | 01/27/1959                     | Hercik   |   |
|                    |                       | US- 3,734,487                            | 05/22/1973                     | Treff  |   |
|                    |                       | US- 4,848,632                            | 07/18/1989                     | Mack et al.  |   |
|                    |                       | US- 5,328,437                            | 07/12/1994                     | Maylander et al.                                   |   |
|                    |                       | US- 5,357,859                            | 10/25/1994                     | Eckert   |   |
|                    |                       | US- 6,695,250                            | 02/24/2004                     | Michalik et al.                                    |   |
|                    |                       | US- 6,712,749                            | 03/30/2004                     | Michalik et al.                                    |   |
|                    |                       | US- 6,820,839                            | 11/23/2004                     | Weis   |   |
|                    |                       | US- 2002/0184986 A1                      | 12/12/2002                     | Oehmen et al.                                      |   |
|                    |                       | US- 2003/0071162 A1                      | 04/17/2003                     | Moser  |   |
|                    |                       | US- 2004/0159251 A1                      | 08/19/2004                     | Theilacker   |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |

## FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
|                    |                       | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                |  |   |                |
|                    |                       | DE 3533274 C3   | 11/22/1990                     | Schrauwen et al.                                   |   |                |
|                    |                       | DE 3614981 C2   | 04/14/1988                     | Mack et al.  |   |                |
|                    |                       | DE 4311437 A1   | 02/17/1994                     | Eckert   |   |                |
|                    |                       | DE 4204254 A1   | 08/19/1993                     | Maylander et al.                                   |   |                |
|                    |                       | DE 10003025 C1  | 05/23/2001                     | Michalik et al.                                    |   |                |

Examiner  
Signature

/Leslie A. Nicholson III/

Date  
Considered

03/26/2008

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LN/

Approved for use through 07/31/2008. OMB 0651-003.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

*(Use as many sheets as necessary)*

Sheet

2

of

3

**Complete if Known**

|                    |           |
|--------------------|-----------|
| Application Number | 101540209 |
|--------------------|-----------|

|             |            |
|-------------|------------|
| Filing Date | 06/20/2005 |
|-------------|------------|

|                      |                             |
|----------------------|-----------------------------|
| First Named Inventor | Burkard Otto HERBERT et al. |
|----------------------|-----------------------------|

### Art Unit

Examiner Name \_\_\_\_\_

|                        |               |
|------------------------|---------------|
| Attorney Docket Number | W1.2098PCT-US |
|------------------------|---------------|

[illegible]

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   |                     |                                   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | Y <sup>6</sup> |
|--------------------|-----------------------|---------------------------|---------------------|-----------------------------------|--------------------------------|--|---|----------------|
|                    |                       | Country Code <sup>2</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup> (if known) |                                |  |   |                |
|                    |                       | DE                        | 10022964            | A1                                | 10/18/2001                     | Michalik et al.                                    |   |                |
|                    |                       | DE                        | 10150810            | A1                                | 04/30/2003                     | Moser  |   |                |
|                    |                       | DE                        | 19540164            | C1                                | 02/20/1997                     | Kopp et al.  |   |                |
|                    |                       | DE                        | 19602248            | A1                                | 07/24/1997                     | Seyffert et al.                                    |   |                |
|                    |                       | EP                        | 1238935             | A2                                | 02/28/2002                     | Oehmen et al.                                      |   |                |

/ Leslie A. Nicholson III /

03/26/2008

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional).<sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LN/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|   |                             |   |   |                    |            |             |            |                      |                             |          |  |               |  |                        |               |
|---|-----------------------------|---|---|--------------------|------------|-------------|------------|----------------------|-----------------------------|----------|--|---------------|--|------------------------|---------------|
| Substitute for form 1449A/PTO<br><br><h2 style="text-align: center;">INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</h2> <p style="text-align: center;"><i>(Use as many sheets as necessary)</i></p> |                             | <b>Complete If Known</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Application Number</td> <td>10/540,209</td> </tr> <tr> <td>Filing Date</td> <td>06/20/2005</td> </tr> <tr> <td>First Named Inventor</td> <td>Burkard Otto HERBERT et al.</td> </tr> <tr> <td>Art Unit</td> <td></td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Attorney Docket Number</td> <td>W1.2098PCT-US</td> </tr> </table> |   | Application Number | 10/540,209 | Filing Date | 06/20/2005 | First Named Inventor | Burkard Otto HERBERT et al. | Art Unit |  | Examiner Name |  | Attorney Docket Number | W1.2098PCT-US |
| Application Number  | 10/540,209                  |   |   |                    |            |             |            |                      |                             |          |  |               |  |                        |               |
| Filing Date   | 06/20/2005                  |   |   |                    |            |             |            |                      |                             |          |  |               |  |                        |               |
| First Named Inventor  | Burkard Otto HERBERT et al. |   |   |                    |            |             |            |                      |                             |          |  |               |  |                        |               |
| Art Unit  |                             |   |   |                    |            |             |            |                      |                             |          |  |               |  |                        |               |
| Examiner Name   |                             |   |   |                    |            |             |            |                      |                             |          |  |               |  |                        |               |
| Attorney Docket Number  | W1.2098PCT-US               |   |   |                    |            |             |            |                      |                             |          |  |               |  |                        |               |
| Sheet   | 3                           | of  | 3 |                    |            |             |            |                      |                             |          |  |               |  |                        |               |

| U. S. PATENT DOCUMENTS |                       |  |                                |  |   |
|------------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials*     | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                        |                       | Number-Kind Code <sup>2</sup> (If known) |                                |  |   |
|                        |                       | US-                                      |                                |  |   |
|                        |                       | US-                                      |                                |  |   |
|                        |                       | US-                                      |                                |  |   |
|                        |                       | US-                                      |                                |  |   |
|                        |                       | US-                                      |                                |  |   |
|                        |                       | US-                                      |                                |  |   |
|                        |                       | US-                                      |                                |  |   |
|                        |                       | US-                                      |                                |  |   |
|                        |                       | US-                                      |                                |  |   |
|                        |                       | US-                                      |                                |  |   |
|                        |                       | US-                                      |                                |  |   |
|                        |                       | US-                                      |                                |  |   |
|                        |                       | US-                                      |                                |  |   |
|                        |                       | US-                                      |                                |  |   |
|                        |                       | US-                                      |                                |  |   |
|                        |                       | US-                                      |                                |  |   |
|                        |                       | US-                                      |                                |  |   |
|                        |                       | US-                                      |                                |  |   |
|                        |                       | US-                                      |                                |  |   |
|                        |                       | US-                                      |                                |  |   |
|                        |                       | US-                                      |                                |  |   |

| FOREIGN PATENT DOCUMENTS |                       |                           |                     |                                   |                             |   |   |                |
|--------------------------|-----------------------|---------------------------|---------------------|-----------------------------------|-----------------------------|---|---|----------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   |                     |                                   | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T <sup>6</sup> |
|                          |                       | Country Code <sup>3</sup> | Number <sup>4</sup> | Kind Code <sup>5</sup> (If known) |                             |   |   |                |
|                          |                       | EP                        | 1415944             | A1                                | 10/28/2003                  | Theilacker                                      |   |                |
|                          |                       | EP                        | 0457304             | A1                                | 05/15/1991                  | Ishii   |   |                |
|                          |                       | WO                        | 01/70608            | A1                                | 09/27/2001                  | Weis  |   |                |
|                          |                       |                           |                     |                                   |                             |   |   |                |
|                          |                       |                           |                     |                                   |                             |   |   |                |

|                    |                           |                 |            |
|--------------------|---------------------------|-----------------|------------|
| Examiner Signature | /Leslie A. Nicholson III/ | Date Considered | 03/26/2008 |
|--------------------|---------------------------|-----------------|------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LN/